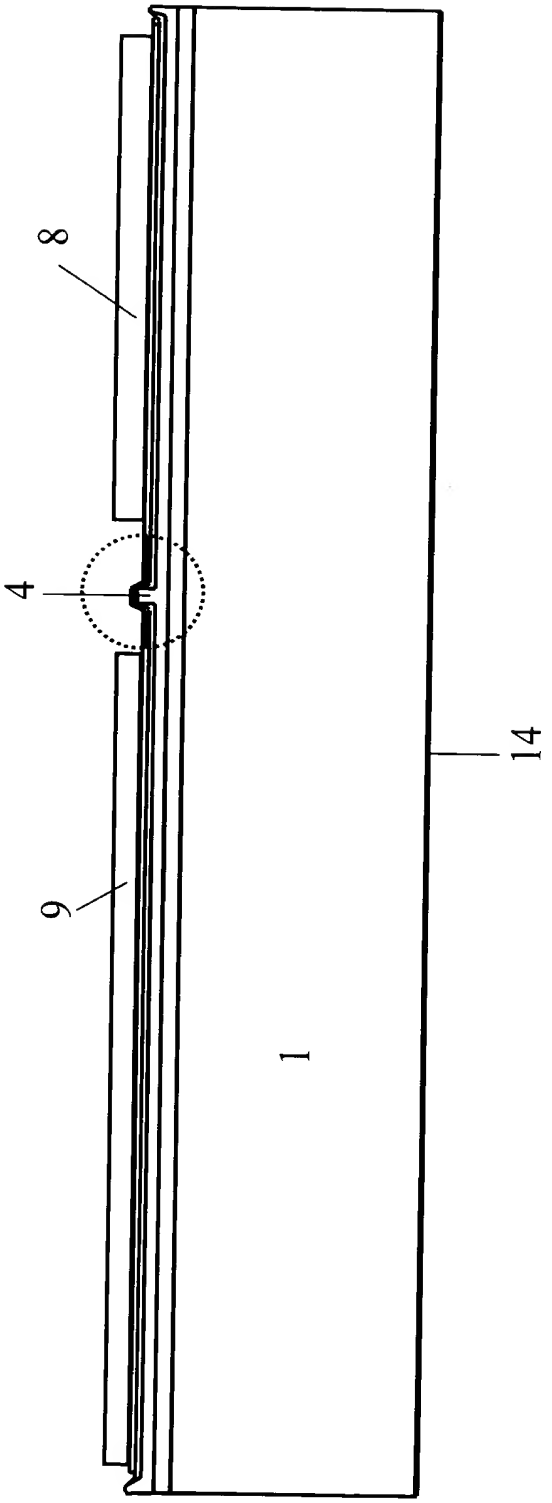


Fig. 1

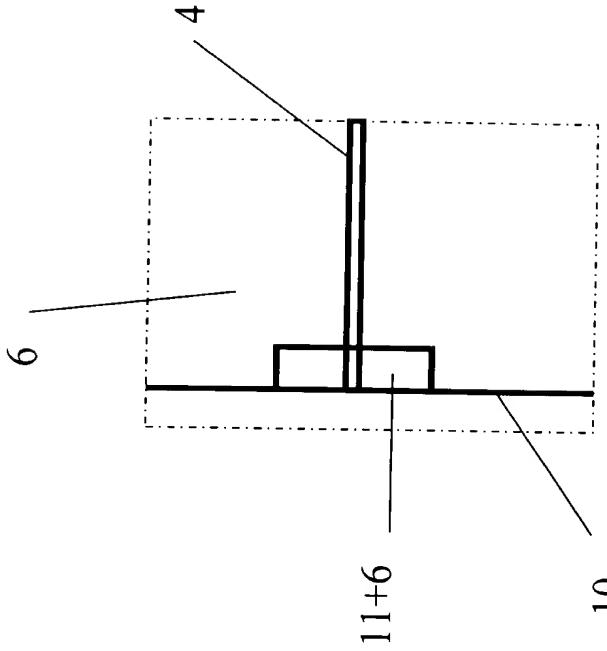


Fig. 4

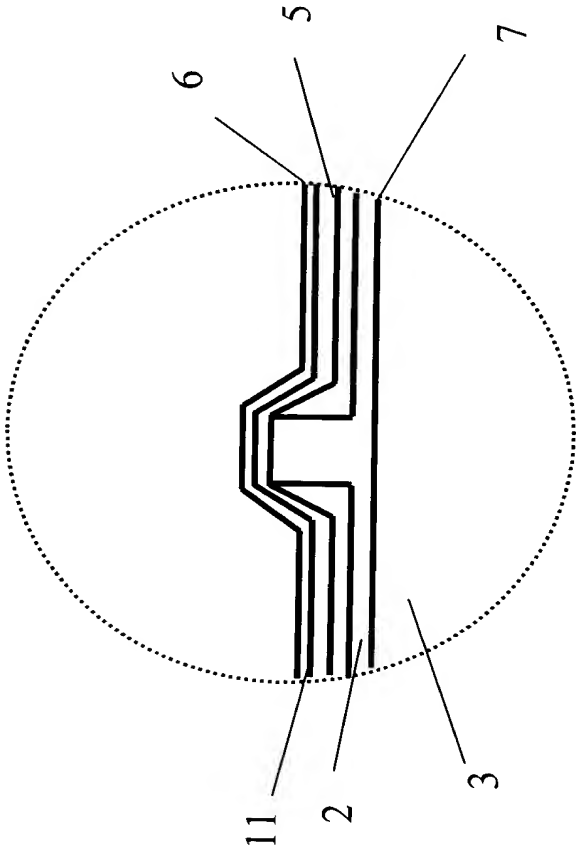


Fig. 2

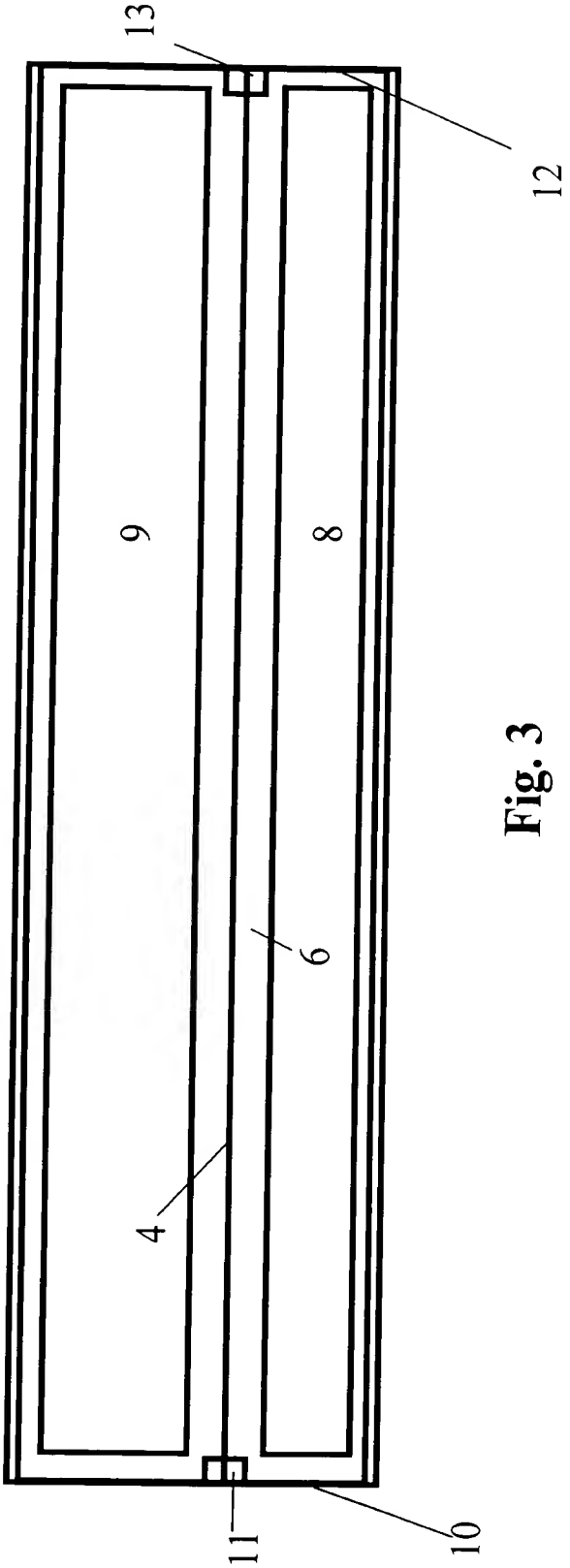
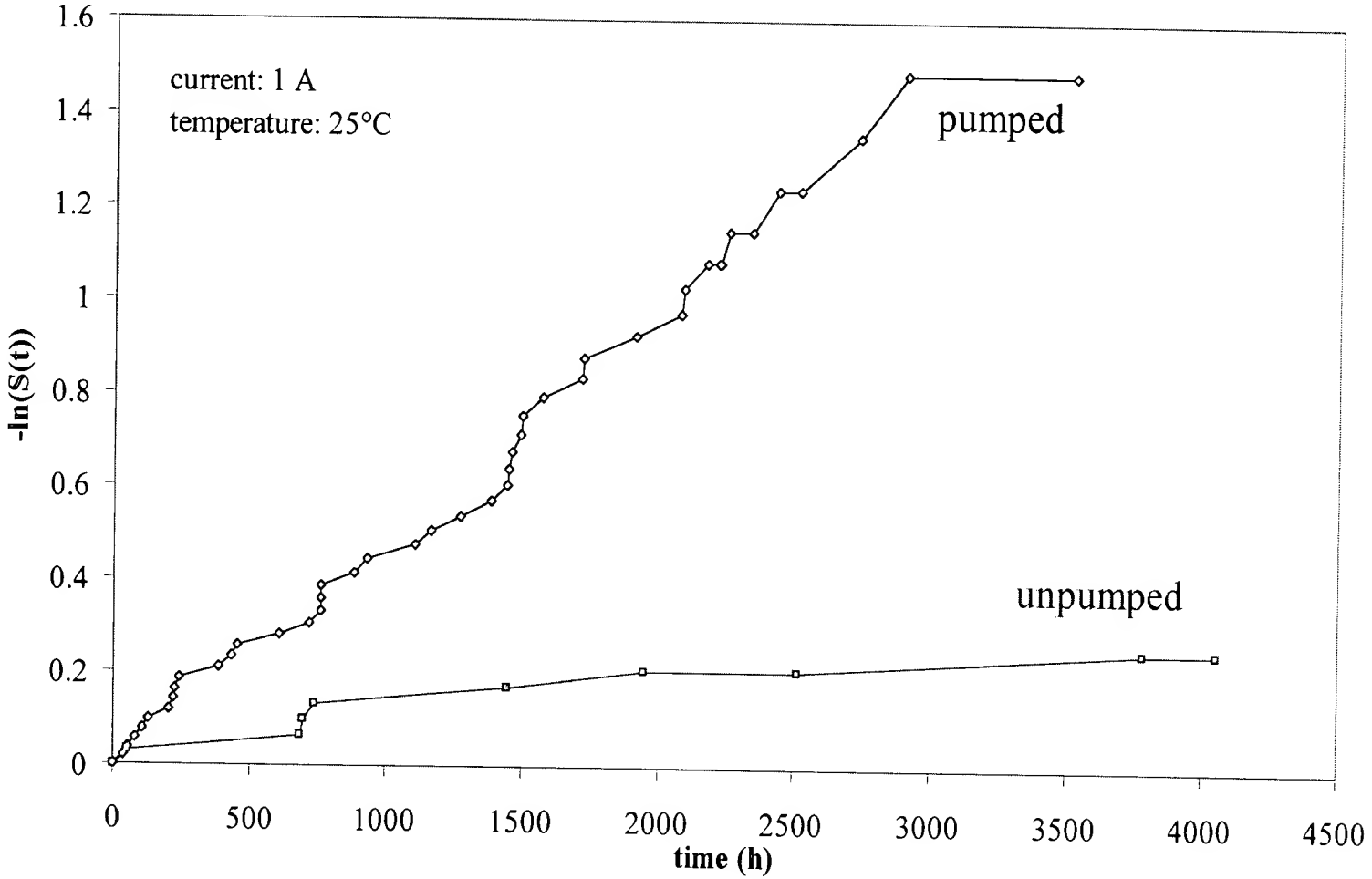


Fig. 3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pumped
unpumped
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time (h)
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1.2
1.4
1.6
0
500
1000
1500
2000
2500
3000
3500
4000
4500

Fig. 5